

USA PCT National Stage Patent Application
PCT/EP01/03891 filed April 5, 2001
Albert Louis Victor Jozef Claessens
Serial No.: 09/980,227
First Submission filed: November 27, 2001
MOULDING SUITABLE FOR PHARMACEUTICAL APPLICATIONS
AND METHOD FOR PRODUCTION THEREOF

ABSTRACT

205220-22208660
A moulding serving for pharmaceutical uses, such as a stopper (1) for pharmaceutical bottles, a protective cap (2) for medical syringes or a sealing element (38, 39) for pharmaceutical containers. To achieve production with virtually no scrap and with high product quality, the moulding (1, 2, 38, 39, 44) consists, at least in a subregion, of a thermoplastic elastomer material with a mineral filler content of 30% or more and this subregion has a hot-runner injection point which is formed as a smooth-surfaced mark.

ABSTRACT

The invention relates to a moulding serving for pharmaceutical uses, such as a stopper (1) for pharmaceutical bottles, a protective cap (2) for medical syringes or a sealing element (38, 39) for pharmaceutical containers, and proposes, to achieve production with virtually no scrap and with high product quality, that the moulding (1, 2, 38, 39, 44) consists, at least in a subregion, of a thermoplastic elastomer material with a mineral filler content of 30% or more and this subregion has a hot-runner injection point which is formed as a smooth-surfaced mark.

(Exemplary figure: Figures 5 and 6)

tran0312 MP1931 literal Nov 16, 2001

205320" 42203560